

PHARMACY TECHNOLOGY (ITC)

Intermediate Technical Certificate

Career-Technical Program

Interest Areas: Healthcare

The Pharmacy Technology program prepares graduates for positions working under the supervision of a licensed and registered pharmacist in retail and institutional pharmacy practice settings. Students completing the program will have a basic understanding of anatomy, physiology, medical terminology, pharmacy law, and the therapeutic classification and use of the top-200 prescription drugs. Students will develop skills in pharmaceutical preparation, maintaining patient profiles or records, sterile products preparation, performing stock procedures, communication and presentation, and computer use to enter, store, and recall patient information.

The Pharmacy Technology program is a selective admissions program. Approximately 12-16 students are admitted to the program each fall semester. The Intermediate Technical Certificate can be obtained in an 11-month course of study. For program specific requirements, please refer to the program website.

Gainful Employment Information (<https://www.nic.edu/programs/ge/62-CC1/Gedt.html>)

Program Website (https://www.nic.edu/programs/viewprogram.aspx?program_id=62)

Program Requirements

Course	Title	Credits
Semester 1		
ALTH-108	Infection Prevention	1
CAOT-164	Computer Fundamentals for Technical Programs	1
CAOT-179	Medical Terminology	2
MCTE-102	Computational Skills for Allied Health	3
PHAR-110	Pharmacy Law and Ethics	2
PHAR-150	Introduction to Pharmacology	3
PHAR-171 & 171L	Applied Pharmacy Technology I and Applied Pharmacy Tech I Lab	3
	Credits	15
Semester 2		
ALTH-107	Communication for Health Professionals	1
PHAR-161 & 161L	Extemporaneous Compounding and IV Certification and Extemporaneous Compounding and IV Certification Lab	3
PHAR-172 & 172L	Applied Pharmacy Tech II and Applied Pharmacy Technology II Lab	2
PHAR-182	Pharmacy Technology Practicum and Seminar I ¹	5
ENGL-101	English Composition	3
	Credits	14
Semester 3		
PHAR-175	Pharmacy Technician Certification Exam Prep	1

PHAR-187	Pharmacy Technology Practicum and Seminar II ¹	5
	Credits	6
	Total Credits	35

- ¹ One-half of students will be scheduled in retail pharmacy experience and one-half will be scheduled in hospital pharmacy experience. Both must be completed to obtain a certificate.

Course Key



GEM



WCHE



AAS



Gateway



Milestone

Institutionally
Designated

Program Outcomes

Upon completion of the program, students will be able to:

- Display accountability as a health care professional.
- Communicate effectively in a professional manner with members of the healthcare team.
- Solve math-oriented problems posed to the technician by a pharmacist.
- Practice principles of implementing physician orders in a pharmacy setting.
- Demonstrate standards of aseptic technique and safety in a pharmacy setting.
- Apply knowledge of legal requirements involved in pharmacy operations.
- Identify appropriate information regarding standard dosing, generic versus trade name and other drug information.
- Define the role of the technician – the pharmacist/patient/tech interaction; i.e. confidentiality.
- Describe and model proper work habits, and employ communication practices and computation skills appropriate to the role of a pharmacy technician.